



CONSTRUCTION DETAILS

- A. INSTALL 27' STEEL POLE WITH 50' MAST ARM, 15' LIGHTING ARM WITH 250 WATT HPS LAMP/LUMINAIRE, LED SIGNAL HEADS, AND SIGNS. (NOTE: 1-3" 90° PVC BEND).
- B. INSTALL 27' STEEL POLE WITH TWIN 70'x50' MAST ARMS, 15' LIGHTING ARM WITH 250 WATT HPS LAMP/LUMINAIRE, LED SIGNAL HEADS VIDEO DETECTION CAMERA, AND SIGNS, AS SHOWN (NOTE: 1-3" 90° PVC BEND).
- C. INSTALL 27' STEEL POLE WITH 50' MAST ARM, 15' LIGHTING ARM WITH 250 WATT HPS LAMP/LUMINAIRE, LED SIGNAL HEADS, VIDEO DETECTION CAMERA AND SIGNS. (NOTE: 1-3" 90° PVC BEND).
- D. INSTALL 14' PEDESTAL POLE WITH "G" SIZE POLE MOUNTED CABINET WITH FLASHER, LED SIGNAL HEADS AND SIGN. (NOTE: 1-2" 90° BEND).
- E. INSTALL NEMA CONTROLLER WITH ALL NECESSARY EQUIPMENT HOUSED IN A BASE MOUNTED CABINET. (NOTE: 2-4" & 2-2" 90° PVC BENDS).
- F. INSTALL METERED SERVICE PEDESTAL FOR PROPOSED TRAFFIC SIGNAL.

CONSTRUCTION DETAILS CONT.

- G. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- H. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- J. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- K. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - BORED.
- L. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - BORED.
- M. INSTALL ELECTRICAL HANDHOLE.
- N. INSTALL NON-INVASIVE PROBES IN THE 3" CONDUIT.
- O. INSTALL GROUND MOUNTED SIGN AND SUPPORT.

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

CONSTRUCTION DETAILS CONT.

- P. INSTALL 24" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
- Q. REMOVE EXISTING PAVEMENT MARKINGS THAT ARE CONFLICTING WITH PROPOSED PAVEMENT MARKINGS, NOT SHOWN ON PLAN, PRIOR TO PROPOSED STOP LINE.
- R. REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORTS.
- S. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED WITH 1' STUB (LABELED) AT THE BASE OF THE SMECO POLE #1 FOR PHONE DROP.
- T. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED WITH A 1' STUB (LABELED) AT THE BASE OF THE SMECO POLE #1 FOR SERVICE FEED.
- U. REMOVE EXISTING SIGNAL STRUCTURE AND ALL ATTACHED EQUIPMENT, WITH THE FOUNDATION 12" BELOW GROUND GRADE.
- V. INSTALL METERED SERVICE PEDESTAL FOR PROPOSED HAZARD IDENTIFICATION BEACON (HIB).
- W. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED WITH A 1' STUB (LABELED) 10 FEET FROM THE BASE OF THE POLE #5 FOR SERVICE FEED.
- X. INSTALL 5" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING SIDE BY SIDE TO PRODUCE 10" LINE.
- Y. INSTALL 5" DASH LINE HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (3' LINE WITH 3' SKIP).
- Z. INSTALL HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW.

CENTURY
ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

REVISION 'A' 25003.77

STRUCTURE INVENTORY NO.

APPROVALS	
TEAM LEADER	ON
ASST. DIV. CHIEF	FILE
DIVISION CHIEF	
OFFICE DIRECTOR	

SURVEY BOOK NO.

REVISIONS	
(A) RECONSTRUCTION TO FULL 1/08 SIGNAL (PROBES & CAMERAS) WITH HIB SHA# A79135185, TMS# 1-532, ENW# 105-105-105-105-105-105	

PLOTTED: TUESDAY, JANUARY 22, 2008 AT 10:17 AM
FILE: J:\DATA\1532\PSG-01MD6 OLIVERS.DGN



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 6 (CHARLES STREET) AT OLIVERS SHOP ROAD
AND TRINITY CHURCH ROAD

SHA NO: CH315A52/B52
TOD No: AT913-25M
MD 6 @ Oliver Shop Rd/Trinity Church Rd

SIGNAL PLAN

SCALE 1" = 20' DATE 1/90 CONTRACT NO. AT4365185

DESIGNED BY W. MALCOLM COUNTY CHARLES
DRAWN BY W. MALCOLM LOGMILE 08000633.38
CHECKED BY S. BENZI T.I.M.S. NO. 1-532
F.A.P. NO. SEE TITLE SHEET TOD NO.

TS NO. 2588A DRAWING NO. SG - 1 OF 2 SHEET NO. 1 OF 2